

Notice of Allowability

Application No.

09/987,842

Examiner

HENRY N TRAN

Applicant(s)

MATSUURA ET AL.

Art Unit

2674

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address–

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/9/04.
2. ☒ The allowed claim(s) is/are 1-15.
3. ☒ The drawings filed on 16 November 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Henry N. Tran
HENRY N. TRAN
PRIMARY EXAMINER

DETAILED ACTION

The Amendment received 9/9/04 has been entered. Claims 1-15 remain pending in this application. The amendments to the Specification and Applicants' Remarks/Arguments have overcome the objections and rejections recited in the prior Office action.

Allowable Subject Matter

1. Claims 1-15 are allowed.
2. The following is an examiner's statement of reasons for allowance:

Although applicants fail to response to the examiner's challenge regarding to the request of identifying the differences of surface roughness defined in the claimed invention and the surface roughness available in the art as discussed in paragraph 7 of the prior Office action. However, upon further consideration, the examiner has recognized the important of the surface roughness in displaying a high quality image as described in the present application. Further, applicants' arguments provided in pages 9-11 of the above-identified Amendment have replied to every ground of objections and rejections recited in the prior Office action by providing clear explanations and supports. Also further, applicants have clearly pointed out the patentable novelty features and the differences between the claimed invention and the prior art of record, wherein, the present invention is directed to a reversible image display device 10 for displaying an image by using an electrostatic latent image technique. Each independent claims 1, 2, 4 and 8, which are renumbered as 1, 9, 13, and 15, respectively, identifies the uniquely distinct feature: a surface resistivity of the substrate or the surface roughness of the substrate is limited in a

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specific range as defined in the claim. The closest prior art, the Yamaguchi et al (U.S. Patent No. 6,407,763), and the Shigehiro et al (U.S. Patent No. 6,411,316) disclose conventional reusable image display devices, either singularly or in combination, fails to anticipate or render the above underlined limitations, which are in combination with other claimed limitations, obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

3. Applicant's arguments, see page 9 of the above-identified Amendment with respect to the rejection(s) of claim(s) 1-3, 5-7, 9-11 and 13-15 under *35 USC § 112*, second paragraph, have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, it's noted that other unit definitions for surface resistivity have also been recognized and well known in the art, for example: M. OMEGA (see U.S. Patent No. 6,472,048; col. 7, lines 57-63); or Ohm/cm. square (see U.S. Patent No. 6,352,776; col. 5, lines 39-49).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. They are U.S. Patents Nos.: 5,982,346; 6,285,382; 6,636,186; 6,472,048; and 6,352,776, which teach reversible or reusable image display devices.

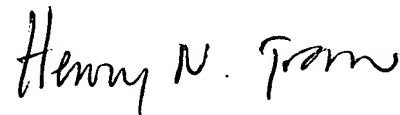
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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HENRY N TRAN whose telephone number is 703-308-8410.

The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, RICHARD A HJERPE can be reached on 703-305-4709. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



HENRY N TRAN
Primary Examiner
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1/18/05